

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known 10/16/19/02/07	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Based on 09768,8301
		Filing Date:	January 25, 2001 8-28-03
		First Named Inventor	Tatsuya ARAO, et al.
		Group Art Unit	2815
		Examiner Name	Edward Wojciechowicz
Sheet 1	of 3	Attorney Docket Number	0756-7188

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
601		5,923,962		Ohtani et al.	07/13/99	
		5,643,826		Ohtani et al.	07/01/97	
		5,247,190		Friend et al.	09/21/93	
		5,399,502		Friend et al.	03/21/95	
		6,278,131		Yamazaki et al.	08/21/01	
		6,088,258		Aitken et al.	07/11/00	
		5,671,027		Sasano et al.	09/23/97	
		6,335,541	B1	Ohtani et al.	01/01/02	
		6,285,042	B1	Ohtani et al.	09/04/01	
		6,348,368	B1	Yamazaki et al.	02/19/02	

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ²	Number ²	Kind Code ² (if known)			
601		JP	7-130652			05/19/95	Abst.
		JP	10-092576			04/10/98	Abst.
		PCT	WO90/13148			11/01/90	Eng.
		JP	08-078329			03/22/96	Abst.
		JP	09-312260			12/02/97	Abst.
		JP	10-294280			11/04/97	Abst.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
601		H. Shenk et al., "Polymers for Light-emitting Diodes," Euro Display Proceedings 1999, pp. 33-37.	
		U. S. Patent Application Serial No. 09/487,432, including specification and drawing, "Semiconductor Device and Process for Production Thereof," Shunpei YAMAZAKI, January 19, 2000.	
601		Preliminary Amendment submitted in U.S. Patent Application Serial No. 09/874,670 (now US 2001/0029070) on July 5, 2001.	

Examiner Signature	601	Date Considered	8-1-04
--------------------	-----	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → (+)

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known 10/049667	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	Based on 09/768,830-
				Filing Date	January 25, 2001 8-28-03
				First Named Inventor	Tatsuya ARAO, et al.
				Group Art Unit	2815
				Examiner Name	Edward Wojciechowicz
Sheet	2	of	3	Attorney Docket Number	0756-7188

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
EA		6,140,667		Yamazaki et al.	10/31/00	
		6,077,731		Yamazaki et al.	06/20/00	
		2001/0029070	A1	Yamazaki et al.	10/11/01	
		5,343,066		Okamoto et al.	08/30/94	
		5,365,079		Kodaira et al.	11/15/94	
		5,608,251		Konuma et al.	03/04/97	
		5,620,905		Konuma et al.	04/15/97	
		6,066,860		Katayama et al.	05/23/00	
		6,147,667		Yamazaki et al.	11/14/00	
EA		6,278,131	B1	Yamazaki et al.	08/21/01	

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ² (if known)			
EA		JP	03-280018			12/11/91	Full
		JP	04-219736			08/10/92	Full
		JP	05-034718			02/12/93	Full
EA		JP	11-191628			07/13/99	Abst.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EA		U. S. Patent Application Serial No. 09/479,842, including specification, drawings, and filing receipt, "Semiconductor Device and Method of Fabricating the Same," Shunpei YAMAZAKI, et al., January 10, 2000.	
		Ohtani et al., "LP-B: Late-News Poster: A 60-in. HDTV Rear-Projector with Continuous-Grain-Silicon Technology," May 17-22, 1998, pp. 467-470, SID 98 Digest, International Symposium Digest of Technical Papers, Vol. XXIX.	
EA		Shimokawa et al., "Characterization of High-Efficiency Cast-Si Solar Cell Wafers by MBIC Measurement," Japanese Journal of Applied Physics, Vol. 27, No. 5, May 1988, pp. 751-758.	

Examiner Signature	EA	Date Considered	8-1-04
--------------------	-----------	-----------------	---------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	Based on 09/768,830 / 06/49667
				Filing Date	January 25, 2001 8-8-03
				First Named Inventor	Tatsuya ARAO, et al.
				Group Art Unit	2815
				Examiner Name	Edward Wojciechowicz
Sheet	3	of	3	Attorney Docket Number	0756-7188

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
EO		6,166,414		Miyazaki et al.	12/26/00	
		2002-0175376	A1	Ohtani et al.	11/28/02	
		6,465,268	B2	Hirakata et al.	10/15/02	
		6,356,330	B1	Ando et al.	03/12/02	
		5,739,882		Shimizu et al.	04/14/98	

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
EO		JP	06-148685			05/27/94	Full
		JP	07-235680			09/05/95	Full
		JP	08-274336			10/18/96	Full
		JP	2000-183356			06/30/00	Abst.
		JP	06-260645			09/16/94	Full
		JP	06-013407			01/21/94	Full
		EP	1 001 467	A2		05/17/00	Eng.
		EP	1 005 094	A2		05/31/00	Eng.
EO		JP	11-095194	I'		04/09/99	Abst.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EO		U. S. Patent Application Serial No. 09/714,891, including specification, drawings, "Semiconductor Device with Tapered Gate and Insulating Film," Koji ONO, et al., November 17, 2000.	
EO		U. S. Patent Application Serial No. 09/477,865, including specification, drawings, "Semiconductor Device and Manufacturing Method Thereof,"	

Examiner Signature		Date Considered	8-1-04
--------------------	-------------------------------------------------------------------------------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.